

Claims:

1. A bifurcated stent being expandable from an unexpanded state to an expanded state, the stent comprising:
  - a trunk region, the trunk region having a balloon expandable section
  - 5 and a self-expandable section, in the expanded state the balloon expandable section is less compressible than the self-expandable section; and
  - at least one self-expandable branch extending from the self-expandable section of the trunk region, in the expanded state the balloon expandable section is less compressible than the at least one self-expandable branch.
- 10 2. The stent of claim 1 wherein the balloon expandable section of the trunk region comprises a cut tube of stent material comprising a plurality of interconnected members defining a plurality of cell spaces.
3. The stent of claim 1 wherein the balloon expandable section of the trunk region comprises a cut sheet of stent material formed into a tubular shape, the tubular
- 15 shape comprised of a plurality of interconnected members defining a plurality of cell spaces.
4. The stent of claim 1 wherein the self-expandable section of the trunk region and at least a portion of the at least one self-expandable branch is at least partially constructed from at least one strand of braided stent material.
- 20 5. The stent of claim 1 wherein the balloon expandable section of the trunk region comprises at least one distally extending member and the self-expandable section of the trunk region comprises at least one proximally extending member, the at least one proximally extending member and the at least one distally extending member being engaged to each other.
- 25 6. The stent of claim 5 further comprising at least one crimping member, the at least one crimping member disposed about the at least one proximally extending member and the at least one distally extending member.
7. The stent of claim 6 wherein the at least one crimping member is at least partially constructed of a radiopaque material.
- 30 8. The stent of claim 1 wherein the balloon expandable section of the trunk region is at least partially constructed of stainless steel.

9. The stent of claim 1 wherein at least one of the self-expandable section of the trunk region and the at least one self-expandable branch is at least partially constructed of a shape memory material
10. The stent of claim 10 wherein the shape memory material is nitinol.
- 5 11. The stent of claim 1 further comprising at least one vessel engagement member, the at least one vessel engagement member extending from at least a portion of the balloon expandable section, the at least one vessel engagement member selected from the group consisting of hooks, barbs, T-fasteners, bumps, ridges, and any combination thereof.
- 10 12. The stent of claim 1 further comprising at least one layer of graft material, the at least one layer of graft material positioned on at least one of an inside surface and outside surface of at least a portion of at least one of the trunk region and the at least one self-expandable branch to define a fluid passageway therethrough.
13. A modular mating stent adapted to resist migration within a receiving stent,
- 15 comprising:
- a substantially self-expandable first section of predetermined compressibility adapted to permit said section to conform to the shape of a body lumen surrounding said section; and
- a balloon-expandable second section less compressible than said first
- 20 section adapted to firmly engage a surface of the receiving stent surrounding the second section.
14. The modular mating stent of claim 13 wherein the second section is comprised of a tubular member, the tubular member defining a plurality of openings.
15. The modular mating stent of claim 14 wherein the first section is at least
- 25 partially constructed from nitinol and the second section is at least partially constructed from stainless steel.
16. The modular mating stent of claim 14 wherein the second section comprises at least one vessel engagement member, the at least one vessel engagement member selected from the group consisting of hooks, barbs, or T-fasteners.
- 30 17. The modular mating stent of claim 14 further comprising a graft cover, the graft cover at least partially disposed about an/or within the modular mating stent to define a fluid passageway therethrough.